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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 16277-2021

Replacing GB/T 16277-2008

**Road construction and maintenance machinery and equipment
- Asphalt paver**

道路施工与养护机械设备 沥青混凝土摊铺机

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part

1. Structure and Drafting Rules of Standardization Documents" Drafting. This document replaces GB/T 16277-2008 "Asphalt Concrete Paver". Compared with GB/T 16277-2008, except for structural adjustments and In addition to editorial changes, the main technical changes are as follows:

- a) Modified the relevant content of the scope (see Chapter 1, Chapter 1 of the.2008 edition);
- b) Some normative references have been added and deleted (see Chapter 2, Chapter 2 of the.2008 edition);
- c) Some terms and definitions have been added, modified and deleted (see Chapter 3, Chapter 3 of the.2008 edition);
- d) Modified the provisions of the basic parameters (see 4.3, 4.4, 4.2 in the.2008 edition);
- e) Modified the model regulations (see 4.2, 4.3 in the.2008 edition);
- f) Modified the provisions of general requirements (see 5.1, 5.1 of the.2008 edition);
- g) Relevant regulations on performance requirements have been revised (see 5.2, 5.2~

5.6 of the 2008 edition);

h) Modified the regulations on safety and environmental protection requirements (see 5.3,

1 Scope

GB/T 16277-2021 is the Chinese national standard on road construction and maintenance machinery and equipment - asphalt paver, in the field of construction materials and building. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 11 October 2021 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2022. Classification: ICS 91.220, CCS P97. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the terms and definitions, classification, technical requirements, test methods, inspection rules, signs, packaging, and Transportation and storage. This document is applicable to self-propelled asphalt concrete paver (hereinafter referred to as paver), and stabilized soil paver can be implemented by reference.

2 Normative references

The content of the following documents constitutes an indispensable clause of this document through normative references in the text. Among them, dated quotations Only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to This document.

GB/T 3766 General rules and safety requirements for hydraulic transmission systems and their components

GB/T 4798.5 Environmental conditions for the application of electrical and electronic products Part

5 Use of ground vehicles

GB/T 5226.1 Electrical safety of machinery Electrical equipment of machinery Part